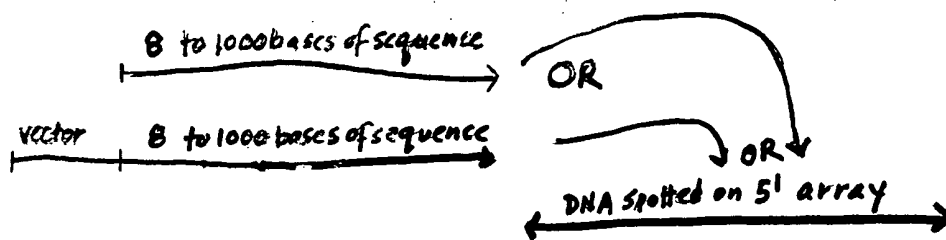


vector specific primer

insert specific primer



Randomly Select Clones from library containing about 20% unknown clones
↓

Isolate Plasmid DNA
↓

Restriction map
↓

Sequence 8 to 1000 bases from 5' end
↓

BLAST search public database
↓

PCR amplify with an insert- and a vector specific primer to make a 5' PCR product
↓

Spot PCR products to produce an array comprising noncoding sequences present at the 5' end of an RNA transcript

FIGURE 1B

09705945-11000

Aligned bases	Alignable bases % Aligned/Alignable
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A		100	100	100%
B		90	120 (30 + 90)	75%
C		90	145 (25 + 90 + 30)	62%
D		105	130 (105 + 25)	81%

FIGURE 2

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